

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

MAY 1 1939

196
11
R31T+

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.
H. H. BENNETT, CHIEF

PRECIPITATION IN THE
MUSKINGUM RIVER BASIN
NOVEMBER, 1938

By

Division of Research, Soil Conservation Service
Section of Climatic & Physiographic Research

and

Muskingum Watershed Conservancy District

LIBRARY
Soil Conservation Service
U. S. Department of Agriculture
Washington, D. C.

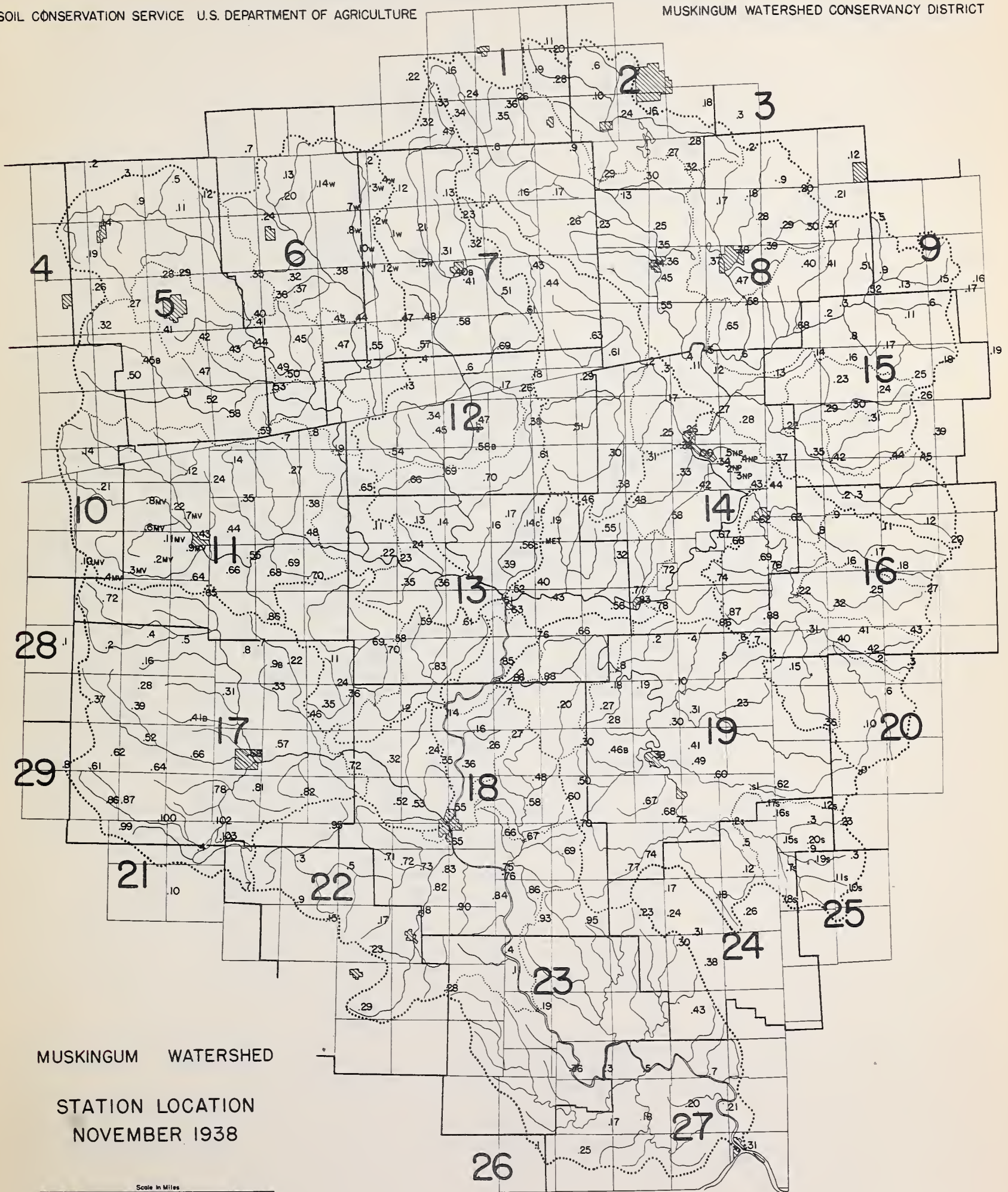
MUSKINGUM RIVER WATERSHED OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

Page 1

SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



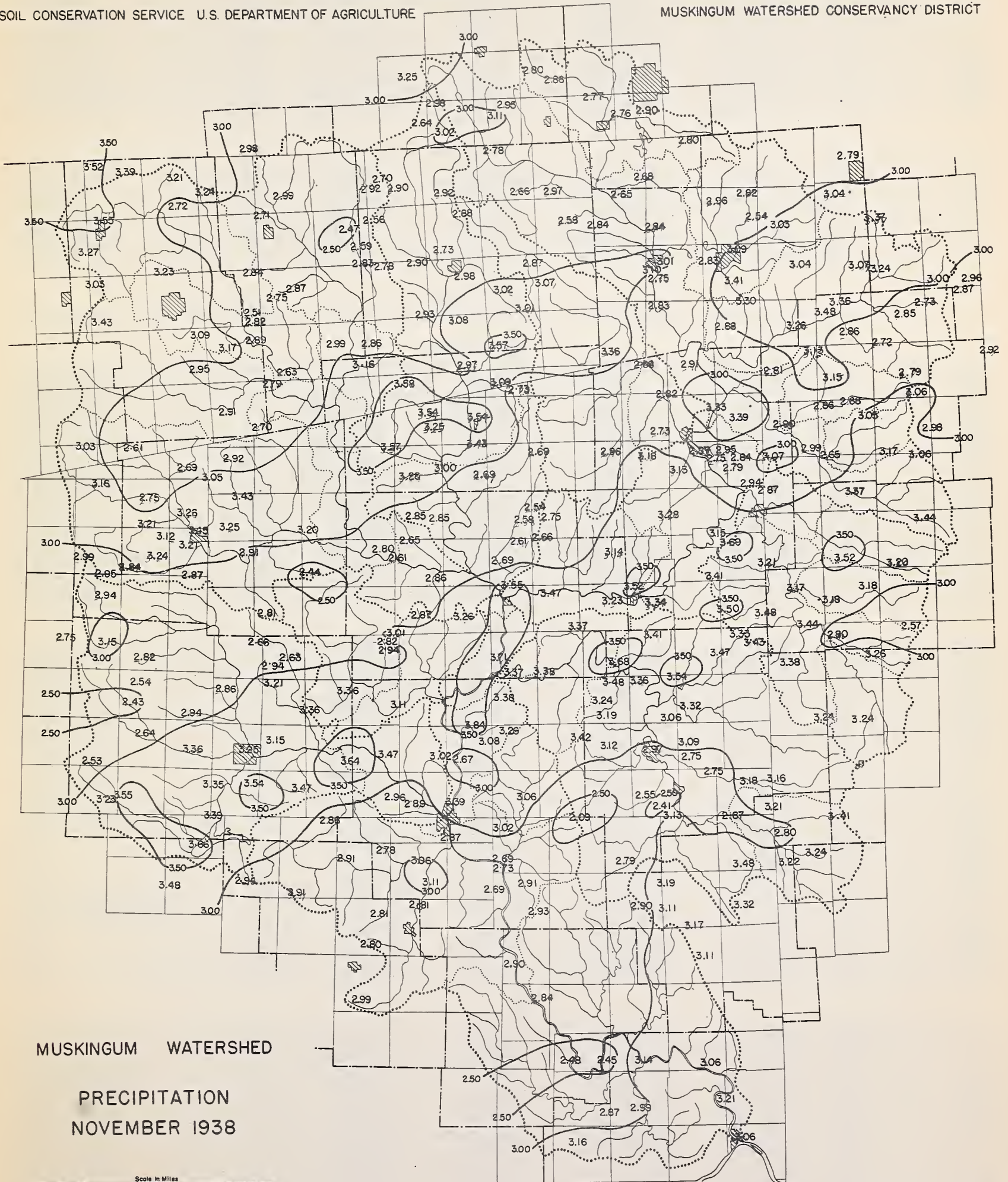
MUSKINGUM RIVER WATERSHED OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

Page 2

SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

STA. NO.	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
MEDINA COUNTY NO. 1																																
11	Pruncutz, Eli				.25			.13	.23				.21	.21				NR	NR				.07	.19	.02		.05					
16	Gamble, John				.24			.25	.12	.01			.13	.20				.55	1.23				.05	.09	NR		NR					
19	Dutt, Glenn				.29		.06	.09	.27				.17	.22				.63	.89	.01			.04	.07	.01		.05				2.80	
20	Tramonte, A. J.				.25			NR	NR				.21	.22				.56	.93	.01			.07	.11	.05		.06					
22	Clinesmith, Lloyd				.24			.20	.16	.04			.20	.17				.40	1.55				.07	.09	.08		.05				3.25	
24	Lees, Fred A.				.29			.18	.18	.02			.13	.13				.63	1.11	.01			.07	.14	NR		.04					
25	Holdeman, Pearl				.28		.07	.14	.25				.20	.23				.77	.90	.01			NR	NR	NR		.04					
28	Everhard, Carol				.24		.02	.11	.26				.24	.21				.64	.96	.01			.04	.09	.01		.03				2.86	
32	Repp, Fred L.				.16		.03	.12	.13	.02			.13	.09				.66	1.04	.01			.07	.10	.06		.02				2.64	
33	Pifer, Mrs. Dora				.26			.20	.18	.01			.13	.09				.67	1.18	.01			.07	.08	.06		.04				2.98	
34	McDonald, Mrs. Emma				.33		.07	.21	.19	.03			NR	NR				NR	NR	NR			NR	NR	.03		.04					
35	Leatherman, Elvin				.31		.06	.18	.25				.22	.19				.68	.93	.01			.10	.11	.02		.05				3.11	
36	Barton, John				.27		.05	.15	.18				.18	.19				.66	.96	.01			.09	.16	.01		.04				2.95	
43	Allen, Harvey L.				.29		.03	.16	.19				.22	.25				.60	1.08				.06	.05	.07		.02				3.02	
SUMMIT COUNTY NO. 2																																
6	Boehme, Richard				NR			.05	NR				.22	NR				.50	.57	.02			NR	NR	NR		NR					
10	Stump, Robert W.				.32			.06	.25				.21	.19				.53	.89	.01			.12	.09	.04		.06				2.77	
16	Ley, Theodore				.32			.04	.26				.16	.18				.67	.68	.02			.10	.20	.22		.05				2.90	
18	Green, John				.31			.03	.24				.28	.13				.65	.62	.04			.05	.05	.08		NR					
24	Clause, Leo				.34			.06	.25				.21	.14				.66	.73	.02			.09	.12	.08		.06				2.76	
27	Haring, William				NR			.06	.19				.23	.11				.64	.67	.03			.09	.13	.18		.06					
28	Beegle, Merton A.				.35			.04	.25				.25	.13				.64	.70	.04			.06	.13	.14		.07				2.80	
29	Hawke, Fred A.				.32		.06	.05	.20				.25	.15				.78	.55	.02			NR	NR	NR		.03					
30	Kreitz, Alfred F.				.36		.03	.04	.29				.19	.12				.67	.65	.02			.06	.14	.08		.03				2.68	
32	Fosnight, L. S.				.40			.04	.24				NR	.13				.65	.72	.04			.06	.16	.15		.06					
PORTAGE COUNTY NO. 3																																
3	Rufener, Carl				.34			.03	.20				.23	NR				.83	.65	.06			.03	.10	.07		.06					
RICHLAND COUNTY NO. 5																																
2	Post, Fred E.				.14			.27	.15				.18	.35				.98	1.06				.23	.06	.09		.01				3.52	
3	Backensto, Ira E.				.14			.14	.17				.25	.30				.98	1.06				.18	.09	.07		.01				3.39	
5	Amstutz, Edwin				.17			.20	.06				.26	.18				.76	1.19				.16	.14	.06		.03				3.21	
9	Oundrum, Perry				NR		NR	NR	.14				.27	.25				NR	NR				.11	.08	NR		NR					
11	Winters, M. L.				.10		.02	.09	.11				.15	.19				.60	1.12				.12	.15	.04		.03				2.72	
12	McMillan, Wade				.16		.07	.15	.11				.19	.20				.58	1.49				.12	.09	.05		.03				3.24	
14	Dewey, Arthur L.				.13		.05	.26	.18				.28	.41				.65	1.20				.19	.12	.04		.04				3.55	
19	Spies, Mrs. Laura M.				.12		.06	.22	.15				.37	.29				.87	.88				.17	.05	.06		.03				3.27	
26	Walker, Robert				.10		.01	.16	.14				.21	.27				.68	1.12				.17	.09	.06		.02				3.03	
27	Paul Gages Airport				.16		.03	.13	.15				NR	.15				.73	1.16				.15	.14	NR		NR					
28	Wagner, Mrs. Fred				.20		.04	.13	.09				.25	.28				.67	1.22				.19	.11	.02		.03				3.23	
29	Harrington, J. W.				.20		.03	.12	.09	.06			.25	.27				.65	1.23				.16	.05	NR		.03					
32	Shanabarger, J. E.				.15		.04	.18	.21				.22	.35				.74	1.15				.18	.12	.05		.04				3.43	
41	Finney, Ross				.19			.11	.08	.03			.21	.20				.91	1.15				.14	.05	NR		.05					
42	Smith, N. E.				.27			.21	.19	.01			.16	.16				.95	.85				.13	.04	.02		.10				3.09	
43	McClurg, Homer L.				.28			.15	.18	.03			.17	.14				.82	1.04				.11	.14	.04		.07				3.17	
44	Fox, H. J.				.25			.11	.11	.01			.17	.11				.76	1.05				.11	.12	.04		.05				2.89	
45b	Markley, Charles				.18			.20	.16				.18	.20				.23	.99				.18	.05	.03		NR					
47	Long, Walter				.27			.15	.16	.02			.16	.10				.82	.90				.15	.13	.05		.04				2.95	
50	Barr, Dr. Francis				NR			.14	.14				.19	.19				NR	.96	NR			.15	.05	NR		NR					
52	Thomas, J. E. Jr.				.27			.11	.20				.10	.19				.86	.75				.09	.11	NR		.03					
58	Oswalt, Ray				.29			.10	.27				.13	.12				.93	.82	.02			.07	.12	.02		.02				2.91	
59	Hollar, Wayne B.				.24			.15	.22				.09	.11				.99	.67	.01			.06	.10	.03		.03				2.70	
ASHLAND COUNTY NO. 6																																
7	Landis, Robert W.				.14			.16	.07	.08			.25	.09				.56	1.31				.14	.12	.03		.03				2.98	
13	Schad, Jacob				.20			.13	.16	.03			.22	.15				.50	1.15	NR			NR	NR	NR		NR					
20	Roland, Ed				.18			.14	.17	.01			.27	.15				.64	1.11				.12	.13	.04		.03				2.99	
24	Shuey, Walter				.13			.11	.17	.01			.20	.16				.70	1.04				.08	.06	.03		.02				2.71	
32	Goard, H. E.				.19			.08	.15	.05			.08	.18				.68	.83				.06	.05	NR		NR					
35	Seiss, Howard C.				.19			.10	.09	.09			.11	.14				.78	.98				.13	.13	.05		.05				2.84	
36	Beck, Louis D.				.24			.10	.15				.14	.10				.74	.99				.10	.12	.02		.05				2.75	
37	Bishop, William J.				.25			.12	.22				.15	.15				.75	.95				.11	.10								

MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

STA. NO.	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
DATE																																
WAYNE COUNTY NO. 7																																
47	Weese, Arch				.41			.11	.18				.16	.08				.77	.80	.01				.08	.10	NR		NR				
48	Sparr, Kenneth				.41			.13	.25				.16	.09				.85	.75	.01				.06	.15	.04		.03				2.93
51	Fox, Albert P.				.42		.02	.07	.23				.20	.09				.86	.71	.03				.05	.17	.12		.05				3.02
55	McCullough, George W.				.37			.11	.16				.13	.11				.70	.95	.01				.09	.14	.05		.04				2.86
57	Manson, Ed. F.				.37			.13	.17				.17	.08				.97	.77	.01				.06	.09	NR		.02				
58	Mellinger, M. D.				.37			.09	.20				.16	.11				.95	.81	.01				.06	.20	.09		.03				3.08
61	Welty, Wayne				.39		.06	.07	.16				.23	.13				.87	.73	.01				.03	.12	.16		.05				3.01
63	Panosette, Emil				.45		.05	.04	.14				NR	NR				.96	.76	.02				.03	.12	.17			.01			
69	Scott, Harvey A.				.47		.08	.10	.23				.22	.12				1.13	.88	.03				.02	.14	.10		.05				3.57

STARK COUNTY NO. 8

2	McKinney, Willie L.				.32			.05	.25				.19	.17				.62	.73	.08			NR	NR	NR							
9	Kyle, Wendell H.				.31			NR	NR				.20	.20				1.02	.57	.03			.07	.05		.02						
12	Hess, A. E.				.41			.02	.17				.21	.16				.86	.62	.01			.09	.22		.02						2.79
13	Semelsberger, Chas.				.36		.06	.03	.24				.18	.14				.69	.59	.07			.04	.14	.08		.03					2.65
17	Barton, William				.38			.04	.22				.23	.18				.98	.66	.02				.10	.11		.04					2.96
18	Reiss, Samuel				.35			.03	.22				.23	.09				1.05	.60	.03				.08	.09		.05					2.82
20	Paxson, Mae E.				.39			NR	NR				.20	.20				NR	NR	NR				.08	.22		.04					
21	LaMotte, Mrs. Mary C.				.39			.03	.19				.19	.18				.92	.69	.04				.11	.28		.02					3.04
23	Mosgrove, Mies Irene				.34		.06	.03	.26				.17	.16				.69	.74	.03			.04	.20	.09		.03					2.84
25	Brand, Joseph H.				.38		.02	.03	.22				.23	.19				.73	.69	.03			.02	.13	.13		.04					2.84
28	Renkert, Harry J.				.39			.02	.20				.15	.10				.80	.62	.02				.08	.13		.03					2.54
29	Schaub, Arna E.				.42			.02	.25				.18	.13				1.00	.68	.02				.09	.21		.03					3.02
30	Shepherd, C. G.		*		.44			.01	.22				.18	.18				1.07	.64	.02			NR	NR	.07	NR						
31	Krabill, Lon				.49			.03	.27				.24	.20				NR	NR	.01				.04	.11		.06					
34	Snyder, Homer R.				.40		.01	.01	.28				.21	.15				.93	.71	.02			.02	.13	.18		.05					3.10
35	Buhecker, Peter				.37		NR	NR	.23				.20	.14				.99	.68	.03			.02	.11	.12		.04					
36	Young, Thomas				.40		.02	.02	.22				.18	.17				1.02	.65	.01			.03	.11	.13		.05					3.01
37	Dreher, Marie				.42			.02	.31				.18	.12				.79	.66	.02				.11	.16		.04					2.83
38	Knouff, Charles				.42			.02	.24				.17	.14				.93	.79	.02				.11	.22		.03					3.09
39	Garen, Ira M.				.47			.02	.29				NR	NR				1.00	.76	.02				.07	.16		.03					
40	DeWalt, S. J.				.42			.01	.13				.21	.16				.92	.77	.04				.11	.23		.04					3.04
41	Sheatsley, V. W.				.52			.02	.28				.21	.13				.81	.71	.04				NR	.23		.04					
45	Massillon Sewage Works				.37		.01	.01	.23				.18	.11		.01		.99	.60	.02			.02	.08	.08		.04					2.75
47	Hoppe, Dora R.				.42			.02	.22				.22	.17				1.11	.85	.04				.11	.23		.02					3.41
51	Eager, Catherine M.				.49			.02	.20				.05	.20				.88	.82	.07				.07	.24		.03					3.07
52	Leyda, Lillie M.				.54			.02	.32				.04	.17				NR	NR	NR			NR	NR	NR		NR					
55	Winkhart, George				.39		.06	.02	.24				.16	.14				.82	.74	.02				.07	.16		.01					2.83
58	Gauze, Harold				.49			.02	.23				.19	.12				.96	.84	.06				.11	.25		.03					3.30
61	Stevens, Edward				.45		.05	.06	.22				.14	.15				.95	.92	.03			.02	.13	.20		.03	.01				3.36
65	Harmon, John D.				.42			.01	.18				.14	.12				.95	.72	.04				.10	.17		.03					2.88
68	Williams, Bessie				.45			.01	.24				.04	.12				.97	1.01	.04				.10	.25		.03					3.26

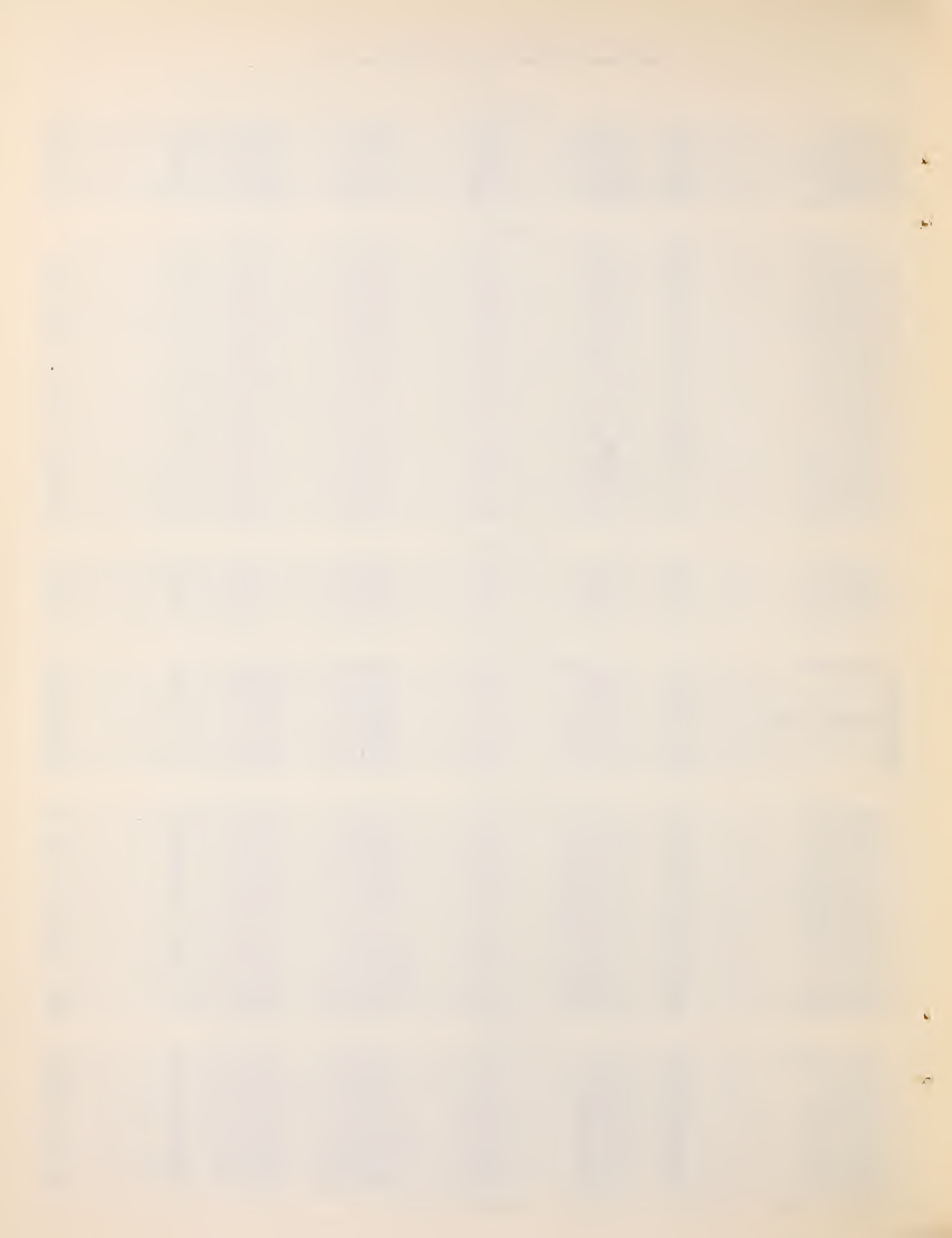
COLUMBIANA COUNTY NO. 9

5	Bush, Andrew J.				.48			.04	.20				.25	.21				.83	.77	.09				.13	.33		.04					3.37
9	Swinehart, Ira				.54			.02	.28				.05	.18				.90	.90	.07				.07	.19		.04					3.24
13	McGrew, Alvin H.				.46			.02	.21				.03	.09				NR	NR	NR			NR	NR	NR		NR					
15	Bolen, Joseph				.50			.02	.26				.02	.07				.67	.92	.07				.09	.33		.05					3.00
16	Wilhelm, William M.				.57			.02	.28				.03	.10				.61	.92	.05				.08	.25		.05					2.96
17	Copeland, L. H.				.55			.02	.25				.02	.13				.59	.85	.05				.06	.30		.05					2.87
19	Morrow, Martin				.66			.01	.28				.01	.13				.65	.68	.07				.05	.35		.03					2.92

MORROW COUNTY NO. 10

14	Orsborn, Charles A.				.22			.19	.06	.06			.13	.22				.96	.88	.01				.14	.07	.02		.07				3.03
21	Bowen, John W.				.23			.17	.10	.06			.09	.24				1.02	.90	.01				.15	.13	.01		.05				3.15
Mt1					.25			.13	.20				.12	.12				1.12	.85	.01				.02	.05	.03		.02				2.92
Mt2					.28			.14	.13				.11	.13				1.41	.84	.02				.05	.08	.03		.02				3.24
Mt3					.23			.15	.10	.03			.08	.17				1.35	.61	.01				.03	.04	.01		.03				2.84
Mt4					.20			.19	.09				.12	.19				1.30	.69	.01				.04	.04	.04		.04				2.95
Mt5	Granny & Dry Creek Area--				.24			.16	.11				.14	.14				1.28	.85	.01				.07	.04	.01		.05				3.10
Mt6	Soil Conservation Service				.23			.13	.14	.03			.15	.16				1.36	.80	.01				.08	.07	.02		.03				3.21
Mt7					.26			.12	.22	.04			.15	.14				1.30	.80	.01				.07	.09	.04		.02				3.26
Mt8					.21			.13	.17	.05			.12	.14				.98	.75	.01				.06	.08	.03		.02				2.75
Mt9					.25			.12	.21				.12	.09				1.39	.85	.01				.03	.07	.05		.02				3.21
Mt10					.23			.18	.09				.13	.14				1.13	.80	.01				.10	.09	.05		.04				2.99
Mt11					.21			.11	.18	.01			.14	.16				1.27	.88	.01				.05	.05	.02		.03				3.12

KNOX COUNTY NO. 11



MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

		DATE																															
STA. NO.	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total	
HOLMES COUNTY NO. 12																																	
61	Kaser, William				.53			.09	.19				.11	.08					.59	.75	.01				.02	.06	.23		.03				2.69
65	Robinson, Willis				NR		.09	.17	.18				.10	.14					1.01	.82	.02				.01	.08	.09		.01				
66	Croskey, Robert				.50		.02	.13	.26				.21	.09			.01	.99	.83	.02				.03	.08	.09		.02					3.28
69	Anderson, W. J.				.46			.04	.17				.23	.09			.01	.95	.78	.04				.03	.07	.11		.02					3.00
70	Wagers, Albert				.56			.08	.24				.11	.11			.01	.58	.77	.02				.02	.06	.09		.04					2.69

COSHOCOTON COUNTY NO. 13

13	Poorman, Gifford L.				.49			.10	.16	.04			.12	.09			.02	.59	.91	.05				.02	.07	.16		.03				2.85
14	Hamilton, Joseph J.				.52			.09	.17	.05			.10	.13			.02	.62	.86	.03				.02	.05	.16		.03				2.85
16	Endsley, Lester R.				.56			.07	.18	.02			.13	.06			.02	.79	.70	.03				NR	.10			.01				
17	Reiss, J. L.				.51			.05	.21	.02			.06	.06			.04	.73	.80	.03				.07	.19			NR				
19	Ames, Ross W.				.60			.06	.26	.02			.05	.09				.57	.79	.02				.07	.19		.03					2.75
22	Frye, Effie R.				.48		.03	.12	.23	.01			.11	.12			.01	.54	.87	.01			.02	.06	.17		.02					2.80
23	McClain, Wm. R.				.54			.10	.23	.01			.10	.10			.02	.47	.81	.02				.04	.13		.01					2.61
24	Hart, Orlan				.52			.06	.22	.01			.08	.08			.02	.48	.87	.02				.08	.19		.02					2.65
32	Hotham, Howard				.60			.01	.20				.02	.20				.83	.86	.05				.09	.25		.03					3.14
35	Giffin, C. O.				.51			.07	.22				.10	.08				.86	.81	.04				.02	NR		NR					
36	Cullison, Norman				.57			.07	.29				.10	.06			.01	.63	.78	.04				.11	.19		.01					2.86
39	Burch, Mrs. Bessie				.58			.08	.23				.05	.07				.54	.82	.03				.09	.18		.02					2.69
40	Stingel, B. O.				.65			.05	.26				.02	.19			.01	1.40	.98	.03				.08	.17		NR					
51	Williams, G. F.				.61			.06	.25				.06	.16			NR	1.02	1.11	NR				.06	.16		.02					
52	Bachman, Andrew				.61			.08	.24				.04	.17			.01	1.06	1.03	.03				.07	.17		.04					3.55
53	Browne, E. W.				.63			.05	.24				.04	.12			.01	.95	1.14	.04				.07	.16		.02					3.47
56	Troendly, D. C.				.66			.01	.20				.02	.24			.01	.93	.89	.05				.06	.11		.03	.02				3.23
58	Axline, D. D.				.57			.07	.27				.08	.11			.01	.79	.91	.02				.05	.12		.01					3.01
59	Camp, Norman E.				.51			.07	.27				.08	.10			.01	.64	.88	.02				.08	.20		.01					2.87
61	Veigel, Fred				.67			.06	.24				.04	.14			.01	.95	1.01	.02				.03	.06		.03					3.26
63	Shrimplin, Sam				NR			NR	NR				.03	.19			.01	1.29	1.03	.03				.05	.15		NR					
66	Walker, Byron E.				.59			.01	.19				.26				.01	.97	.91	.05				.08	.27		.03					3.37
69	Pigman, Frank				.54			.06	.26				.05	.14			.02	.61	.92	.03				.07	.11		.01					2.82
70	Anderson, Lawrence R.				.45			.07	.26				.09	.12			.04	.78	.92	.02				.07	.11		.01					2.94
76	Royer, Clem A.				.65			.05	.25				.19				.02	.98	.91	.04				NR	NR		NR					
83	Maston, C. W.				NR			.06	.24				NR	NR			.01	1.14	1.05	.03				NR	NR		NR					
85	Senter, Victor				.69			.07	.26				.15				.01	1.10	1.05	.04				.09	.23		.02					3.71
86	Kieran, Albert				.62			.04	.23				.32				.01	.75	.97	.05				.09	.26		.03					3.37
88	Rieger, George				.61			.04	.25				.39				.01	.65	1.02	.07				.07	.25		.02					3.38
Met					.59			.07	.14	.02			.05	.06				.60	.93	.02				.04	.11		.03					2.66
C 1	Soil Conservation Service				.53			.05	.19	.02			.05	.06			.01	.59	.74	.02				.06	.19		.03					2.54
C14	Watershed & Hydrologic				.54			.06	.17	.01			.05	.10			.01	.57	.77	.03				.08	.17		.02					2.58
C56	Studies				.56			.04	.16	.01			.06	.08				.59	.81	.02				.08	.18		.02					2.61

TUSCARAWAS COUNTY NO. 14

00	M. C. R. C.—Office				.50			.03	.15				.02	.11			.04	.69	1.04	.04				.07	.14		.03	.01				2.87
2	Wolfe, R. J.				.41			.02	.21				.12	.13				.91	.63	.03				.05	.13		.03	.01				2.68
3	Fuhrer, H. B.				.48			NR	.19				.05	.09				.78	.72	.03				NR	NR		NR	NR				
4	Rippel, George H.				.44			.01	.26				.12	.10				.89	.91	.02				.08	.17		NR	NR				
5	Warner, George W.				.43			.01	.21				.12	.08				.83	.70	.04				NR	NR		.02	.01				
6	Lenhart, E. E.				.52			.01	.23				.10	.11			NR	.72	.91	.05				.12	.21		.02					
11	Baker, George W.				.48			.01	.22				.11	.11				.80	.82	.04				.08	.19		.04	.01				2.91
12	Maurer, Clinton				.49			.02	.20				.12	.12				.69	.76	.07				.08	NR		.03	.01				
17	Strauss, Arthur				.51			.01	.20				.13	.13				.73	.71	.03				.10	.24		.03					2.82
22	Hamilton, Frank				.47			.01	.18				.01	.25			.01	.63	.87	.06				.11	.23		.02					2.90
25	Smith, Fred				.46			.01	.17				.08	.03			.01	.74	.85	.06				.08	.17		.05	.02				2.73
26	Seymore, Vardy				.43			.02	.17				NR	.06			NR	.97	1.00	.07				.09	.19		.03	.01				
27	Haver, Harry V.				.52			.01	.17				.07	.07				1.05	.98	.07				.10	.25		.02	.02				3.33
28	France, Calvin				.54			.01	.24				.03	.15				.77	1.14	.07				.10	.30		.02	.02				3.39
30	Trachsel, Henry				.54			.04	.21				.11	.09			.02	.73	.75	.05				.08	.32		.01	.01				2.96
31	Thomas, Tom				.59			.01	.20				.08	.06			.01	.81	.94	.06				.09	.29		.03	.01				3.18
32	Engler, Robert				.48			.02	.19				.08	.05			.01	NR	NR	NR				NR	NR		NR	NR				
33	Zurcher, Raymond				.49			.02	.20				.03	.14			.01	.69	1.15	.06				.09	.20		.04	.01				3.13
34	Francis, Bert				.46			.01	.17				.02	.13			.01	.71	.82	.06				.08	.23		.03	.02				2.75
37	Walker, Harry				.54			.01	.25				.28				.01	.69	.90	.03				.05	.27		.02	.02				3.07
38	Mizer, Lester				.59			NR	NR				NR	NR				.82	1.01	.05			NR	NR		NR	NR					
42	Spring, John				.27			.02	.18				.01	.25				.79	.84	.05				.07	NR		.03	.02				
43	Weaver, John L.				.53			.02	.18				.01	.30			.01	.65	.83	.06				.06	.25		.02	.02				2.94
44	Peters, R. V.				.48			.02	.18				.25			.01	.70	.79	.03				.06	.34		.01						2.87
46	Miller, Elmer				.58			.03	.12				.07	.07				.70	.84	.03				.06	NR							
48	Hirrich, Vernon				.67			NR	NR				.05	.20				1.33	1.21	.06				.10	.30		.03	.02				
55	Troandly, Earl				.61			.02	.17				.03	.19				1.30	1.02	NR				NR	NR		NR	NR				
58	Jones, Emmett				.56			.02	.20				.01	.28				.78	.99	.07				.09	.23		.03	.02				3.28
62	Harmon, Joseph				.58			.01	.22				.35					.71	NR	.07				.06	.24		.04	.02				
63	Wright, Orville				.58			.01	.15				.33					.62	.80	.05				.02	.12		NR	NR				
67	Heck, Lester D.				.56			.02	.21				.01	.32				.67	.90	.07				.07	.26		.04	.01				3.15
68	Barnes, Lawrence W.				.68			.02	.03				.42					.81	1.06	.05				.08	.22		.03	.01				3.69
69	Mellor, Harry M.				.74			.02	.04				.41				.01	.72	1.04	.06				.08	.31		NR	NR				
72	Pittson, Lewis				NR			.03	.24				.32					NR	NR	.04				.06	.16		.04	.01				
74	Orr, Thomas				.66			.02	.18				.33					.77	1.06	.05				.07	.23		.03	.01				3.41
76	Arnold, Homer M.				.58			.03	.21				.29				.01	.61	1.02	.06				.06	.28		.03	.01				3.21
77	Cutshall, Charles				.61			.03	.25				.29					.83	.95	.08				.10	.33		.04	.01				3.52
78	Cramlet, Ray				.63			.02	.26				.27					.67	1.07	.05				.09	.25		.02	.01				3.34
86	Taylor, J. Arthur				.62			.05	.19				.30				.01	.85	1.12	.07				.07	.28		NR	NR				
87	Moffitt, John				.70			.05	.33				.28				.01	.74	1.03	.06				.03	.22		.02	.03				3.50
88	Jacoby, Paul J.				.70			.08	.32				.32				.01	.75	1.04	.06				.03	.13		.03	.01				3.48
NP2	Home Creek Watershed—				.47			.01	.19				.03	.19			.01	NR	NR	NR				.02	.20		.02	.01				
NP3	Index Area—				.48			.01	.14				.03	.19			.01	.80	.79	.06				.01	.22		.04	.01				2.79
NP4	Muskingum Watershed				.50			.01	.16				.03	.19			.02	.78	.83	.05				.02	.20		.04	.01				2.84
NP5	Conservancy District				.49			.02	.20				.03	.17			.02	.82	.88	.05				.02	.20		.04	.01				2.95

MUSKINGUM WATERSHED

Page 6

MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 5:00 a.m.

STA. NO.	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
HARRISON COUNTY NO. 16																																
3	Fierbaugh, Robert				.61			.02	.27					.32				.68	1.00	.06				.07	.29		.03	.02				3.37
8	Engel, Leland				.59			.05	.20					.39			.01	.56	.90	NR				.03	.12		.02	.01				
9	Naylor, Frank M.				.61			.03	.23					.34				NR	1.01	.06				.07	.35		.02	.01				
11	Davis, Charles I.				.63			.03	.26					.33			.01	NR	NR	NR				.05	.22		NR	NR				
12	Stamm, George				.67			.01	.21					.32			.01	.69	.91	.10				.04	.46		.02					3.44
16	McElroy, F. A.				.66			.06	.30					.32			.02	.80	.98	.11				.04	.17		.03	.03				3.52
17	Moyer, R. E.				.60			.05	NR					.22			.01	.85	1.01	.10				.02	.46							
18	Beck, Arthur S.				.67			.01	.27					.23			.01	.48	.88	.11				.06	.46		.02					3.20
20	Baker, Dean E.				.68			.01	.32					.25			.01	.49	.85	.13				.04	.30		NR					
22	Dearman, Fred				.59			.05	.25					.32			.01	.72	.95	.07				.03	.14		.02	.01				3.17
25	Barrett, William				.66			.04	.20					.33			.01	.42	.82	.13				.03	.50		.04					3.18
27	Henderson, A. G.				.54			.02	.24					.25			NR	NR	NR	NR				.03	.16		NR	NR				
31	Black, E. Glenn				.69			.04	.31					.30			.01	.52	.98	.12				.05	.29		.02	.01				3.44
32	Talbot, Melvin E.				.71			.03	.31					.27			.01	.39	.94	.13				.05	.30		.02	.02				3.18
40	Yarnell, R. A.				.64			.04	.20					.31			.02	.37	.84	.14				.04	.19		.01					2.80
41	Edwards, Charles O.				.71			.04	.33					.38			.01	.36	.98	.11				.03	.15							3.10
42	Kirkpatrick, W. H.				.73			.02	.33					.34			.01	.24	1.02	.16				.06	.53		NR	NR				
43	Covert, Howard				.60			.02	.15					.30			.01	.23	.93	.17				.02	.13		.01					2.37

LICKING COUNTY NO. 17

2	Clayton, Otis R.				.28			.18	.18					.13	.10			1.30	.71	.01			.01	.12	.06		.07					3.15	
4	Riley, Mrs. Myrtle				NR			.04	.13					.06	.12			1.24	.76				.02	.09	.04		.04						
5	Wagner, Fred																	1.27	.78	.03			.01	.08	.07		.02						
7	Richards, Clyde A.				.47			.17	.22	.02				.05	.11			.48	.90	.03			.02	.07	.08		.04					2.66	
8	Bovard, Howard				.43			.14	.18	.02				.05	.10			NR	NR	NR			.02	.07	.11		.03						
9b	Burrell, Harvey			*	.50			.18	.22	.05				.06	.05			.54	1.05	.01			.02	.09	.16		.03					2.94	
11	VanWinkle, W. T.				.48			.13	.29					.07	.13			NR	NR	NR			NR	NR	NR		NR						
16	Mile, John				.30			.10	.20					.06	.12			1.04	.82	.01			.02	.06	.06		.03					2.82	
22	Priest, Everett				.47			.14	.23	.01				.08	.05			.56	.82	.03				.08	.15		.01					2.63	
24	Ashcraft, Wayne				.51			.08	.21					.08	.11			.76	.89	.04				.12	.21		NR						
28	Edgerley, Raymond				.35			.13	.19	.02					.13			.64	.88	.01			.01	.07	.08		.03					2.54	
31	Lambert, Frank				.48			.16	.30	.02				.04	.10			.47	1.06	.02				.07	.11		.03					2.86	
33	Stickle, W. M.				.53			.18	.29					.09	.08			.88	.86	.01				.13	.13		.03					3.21	
36	Brown, Leland E.				.54			.09	.28					.05	.06			.99	1.01	.02				.10	.20		.02					3.36	
37	Barrick, Kirby				.33			.15	.18						.10			.82	.83				.02	.05	NR		.06						
39	Peck, Coda				.36			.14	.24	.04					.14			.52	.80	.02			.01	.08	.05		.03					2.43	
41b	Maxwell, Kenneth			*	.44			.22	.26	.01				.06	.07			.56	1.06	.04			.01	.07	.08		.06					2.94	
46	Wright, David A.				.62			.12	.30					.07	.10			.92	.91	.01				.06	.23		.02					3.36	
52	Lane, Leonard W.				.41			.12	.24					.02	.10			.52	.97	.03			.01	.06	.09		.07					2.64	
57	Scotles, Louis				.58			.15	.28					.05	.09			.95	.80	.02				.08	.13		.02					3.15	
61	Mossholder, Floyd				.32			.18	.21					.10				.54	.91	.02			.01	.08	.08		.08					2.53	
62	Whitehead, Frank				.33			.12	.20					.10				.53	.99	.02			.02	.10	.08		NR						
64	Elder, Claude			*	.45			.14	.21					.02	.08			.92	1.04	.01			.01	.14	.11		NR						
66	Sunkle, Raymond				.50			.19	.23	.07				.04	.10			.95	.91	.02				.12	.17		.06					3.36	
68	Worth, J. F.				.61			.16	.29					.06	.11			.86	.91	.03				.06	.14		.02					3.25	
72	Cheek, Howard				.53			.09	.25					.33				1.17	.98	.04				.06	.17		.02					3.64	
78	Cain, Harold C.				.58			.19	.27					.03	.20			.91	.92	.02				.06	.13		.04					3.35	
81	Rutherford, John W.				.60			.17	.24					.02	.13			1.35	.86	.02				.03	.08		.04					3.54	
82	Parr, Harry P.				.62			.14	.24					.40				.88	.98	.01				.05	.13		.02					3.47	
86	Stires, Mrs. Merle				.39			.17	.27					.03	.09			.89	1.08	.02			.01	.10	.12		.06					3.23	
87	Tharp, Thurston				.42			.17	.21					.04	.15			1.46	.90	.02			.01	.06	.07		.04					3.55	
95	Hamilton, R. M.				.56			.16	.27					.33				.64	.75	.04				.03	.06		.02					2.86	
99	Ketner, Frederick				.41			.31	.32				NR	NR				1.26	.90	.02			.01	.06	.06		.03						
100	Langel, Melsou				.42			.17	.24					.03	.14			1.19	.81	.01				.06	.07		NR						
102	Roderick, Leo				.57			.21	.25					.02	.13			1.08	.86	.02				.05	.16		.04					3.39	
103	Hamilton, Meredith				.50			.07	.25					.25				1.04	.61	.03				NR	NR	.10		.02					

MUSKINGUM COUNTY NO. 18

7	Hogue, Floyd				.63			.08	.23					.48				.74	.97	.04				.06	.12		.03					3.38
12	Baker, Walter J.				.54			.08	.24					.12				1.10	.87	.03				.04	.08		.01					3.11
14	Cullins, H. E.				.80			NR	NR					.41				.97	.96	.06				.05	.07		NR					
16	Freshwater, Harry O.				.66			.05	.29					.64				.82	1.01	.06				.07	.22		.02					3.84
20	Castor, Wilmer				.65			.02	.22					.35				NR	NR	.07				.03	.09		.02					
24	Wyde, Clarence O.				.54			.07	.16					.45				.75	.83	.06				.05	.21		NR					
26	Dayton, Lewis W.				.74			.06	.30					.25				.54	.93	.07				.05	.12		.02					3.08
27	Cornell, John				.67			.05	.23					.28				.60	.92	.08				.07	.34		.02					3.26
30	Blackstone, Reed				.70			.04	.30					.26				.66	.98	.09				.09	.28		.02					3.4

MUSKINGUM WATERSHED

Page 7

MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

STA. NO.	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
GUERNSEY COUNTY NO. 19																																
39	Lester, H. H.				.70			.05	.20					.27				.34	.92	.11				.02	.36							2.97
41	Grubbs, Homer E.				.72			.07	.25					.24				.27	.85	.14				.06	.48		.01					3.09
46b	Oliver, Ralph				.70			.03	.20					.20				.51	1.04	.08				.04	.31		.01					3.12
49	Leeper, Robert J.				.72			.05	.25					.15				.25	.86	.10				.04	.32		.01					2.75
60	Stiers, Thomas				.66			.05	.20					.15				.15	.87	.13				.05	.47		.01					2.75
62	StClair, Harold				.81			.04	.31					.17			.01	.18	.93	.16				.02	.52		.01					3.16
67	Stamm, J. C.				.63			.06	.19					.16				.22	.79	.14				.03	.30		.02	.01				2.55
68	Kackley, Vernon				.67			.03	.21					.18				.18	.84	.13				.04	.11		.01	.01				2.41
74	Koontz, H. A.				.64			.01	.17					.19				.11	.86	.16				.02	.32		NR	NR				
75	Deeren, Frank				.79			.02	.34					.22				.13	.94	.16				.02	.46		.03	.02				3.13
77	Yoho, Charles				.69			.02	.25					.25				.09	.97	.16				.02	.34							2.79

BELMONT COUNTY NO. 20

2	Hammel, Fred M.				.69			.02	.28					.26			.01	.25	1.03	.17				.08	.46	.01						3.26
3	Teechner, John J.															*	.01	.23	.94	.13				NR	NR	NR						
6	Bethel, Durwood				.70			.03	.21					.11			.01	.18	.84	.09				.03	NR	.01						
10	Newhart, Lester R.				.75			.02	.33					.23			.02	.08	1.01	.18				.04	.47	.01						3.24
23	Gallagher, George W.				.88			.02	.30					.25				.21	.92	.18				.02	.62	.01						3.41

FAIRFIELD COUNTY NO. 21

4	Sellers, Walter W.				.57			.18	.29					.34			1.25	.78	.02				.05	.15		.03						3.66
10	Wright, Price C.				.62			.17	.37					.39			.90	.76	.02				.07	.16		.02						3.48

PERRY COUNTY NO. 22

3	Amspaugh, Irvin E.				.62			.11	.28					.29			.68	.76	.04				.06	NR		.02					
5	Rusk, John S.				.58			.08	.26					.24			.49	.86	.06				.08	.25		.01					2.91
7	Cooperrider, Ira F.				.67			.13	.24					.30			.69	.70	.04				.04	.10		.03					2.94
9	Cotterman, C. F.				.64			.11	.23					.25			.53	.79	.07				.06	.21		.02					2.91
15	Caywood, Augusta				.63			.08	.25					NR			.26	.88	.06				.03	.11		.02					
17	Hammer, Albert J.				.70			.05	.28					.23			.20	.96	.09				.03	.26		.01					2.81
18	Wilson, Manson H.				.78			.04	.24					.27			.23	.84	.12				.04	.23		.02					2.81
23	O'Hare, Fred				.69			.07	.28					.23			.20	.92	.10				.04	.26		.01					2.80
28	Price, E. I.				.65			.02	.24					.21			.16	.96	.10				NR	NR		.03					
29	Starnes, Samuel P.				.83			.05	.27					.12			.20	.93	.15				.04	.38		.02					2.99

MORGAN COUNTY NO. 23

4	Wilson, H. C.				.61			.02	.18					.21			.12	.94	.15				.02	.31		NR						
11	James, Norman M.				.69			.02	.23					.36			.17	.97	.15				.02	.28		.01						2.90
19	Davis, Floyd				.73			.02	.19					.24			.12	.97	.20				.03	.33		.01						2.84
26	Brockner, Reed				.73			.03	.20					.10			.10	.98	.12				.02	.20								2.48

NOBLE COUNTY NO. 24

3	Edgar, Dean																	*	.87	NR				.01	.63		.01						
5	Morrison, Donald																	*	.89	.15				.01	.14		.02						
9	Wehr, John																						*	.20		.01							
12	Shafer, McRay				.84			.07	.33					.35				.23	.98	.17				.01	.49		.01						3.48
17	West, Stanley				.82			.07	.27					.27				.18	1.09	.18				.01	.29		.01						3.19
18	Nicholson, Hugh				.83			.05	.28					.33				.20	NR	NR				.01	.20		.01						
23	Hedge, L. E.				.77			.03	.26					.24				.21	1.09	.16				.02	.11		.01						2.90
24	Baker, Ira				.74			.04	.20					.38				.15	1.00	.20				.02	.37		.01						3.11
26	Clark, Mary				.89			.08	.28					.20				.17	.93	.21				.03	.52		.01						3.32
30	McKee, Roscoe				.58			.02	.24					.27				.20	NR	.21				.02	NR		.01						
31	Tilton, Alden D.				.84			.03	.25					.28				.18	.98	.16				.05	.39		.01						3.17
38	Wickham, Irving				.94			.05	.28					.12				.16	.97	.18				.03	.37		.01						3.11
43	Raney, Dean C.				.92			.06	.18					.17				.17	1.10	.17				.01	NR		.01						

MONROE COUNTY NO. 25

3	Brownfield, Sherman E.				.93			.03	.24					.26			.10	.93	.17				NR	NR		.01					
S 1	McGee, Fred				.77			.06	.35					.14		.02	.13	.96	.20				.02	.52		.01					3.18
S 2	Lee, W. W.				.77			.05	.26					.24		.02	.13	1.00	.17				.02	.20		.01					2.87
S 4	Watson, Raymond				.88			.06	.34					.22			.19	1.00	.16				.01	.20		.02					3.08
S 5	Warner, Charles U.				.82			.06	.30					.39			.31	.98	.17				.01	.39		.01					3.44
S 6	Spence, W. B.				.77			.03	.23					.26			.12	1.04	.14					.13		.01					2.73
S 7	Miller, Roy F.				.88			.03	.30					.40			.17	.97	.16					.30		.01					3.22
S 9	Biedenbach, Paul				.88			.03	.28					.15			.10	1.02	.18				NR	NR		.01					
S 10	Young, Mrs. Charles				.90			.04	.18					.18			.15	1.00	.15					NR		.01					
S 13	Law, James H.				NR			NR	NR					NR			.12	.96	.16				.02	.42		.01					
S 15	Somers, M. D.				.80			.04	.24					.28			.19	.93	.15				.01	.15		.01					2.80
S 16	House, J. H.				.86			.07	.31					.28			.13	.88	.15				.02	.50		.01					3.21
S 18	Wharton, Howard E.				.88			.03	.29					.15			.07	1.03	.14				NR	NR		NR					
S 19	Christman, Lee				.83			.03	.25					.32			.14	.95	.18				.02	.51		.01					3.24

ATHENS COUNTY NO. 26

1	Stroud, C. I.				.83			.02	.25					.12			.12	1.15	.15				.08	.40		NR						
---	---------------	--	--	--	-----	--	--	-----	-----	--	--	--	--	-----	--	--	-----	------	-----	--	--	--	-----	-----	--	----	--	--	--	--	--	--

WASHINGTON COUNTY NO. 27

3	Robinson, L. L.				.73			.02	.16					.08			.16	.95	.11				.04	.20								2.45
5	Stutes, A. P.				.90			.05	.22					.08			.14	1.14	.15				.05	.41								3.14

